

Converting Colors

CIELCh(90, 8.508, 350.867)

Have a look what the booklet for
CIELCh(90, 8.508, 350.867) contains.

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Color

CIELCh(90, 8.649, 351.342)

Conversions

Conversions Part 1

Format	Color
Hex	F2DDE5
RGB	242, 221, 229
RGB Percent	95%, 87%, 90%
CMY	0.0507, 0.1330, 0.1017
CMYK	0.00, 0.09, 0.05, 0.05
HSL	337°, 45%, 91%
HSV	337°, 9%, 95%
XYZ	76.6724, 76.3034, 84.8697
YIQ	228.1910, 9.9480, 6.9400

Conversions

Conversions Part 2

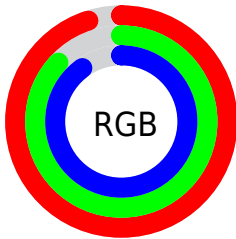
Format	Color
R _Y B	242, 221, 229
Decimal	15916517
CIE Lab	90.00, 8.55, -1.30
CIE LCh	90, 8.649, 351.342
Yxy	76.3034, 0.3224, 0.3208
Android (android.graphics.Color)	4294106597 (0xFFFF2DDE5)
YUV	228.1910, 0.3988, 12.1105
Hunter-Lab	87.3518, 3.8115, 3.5410

Details

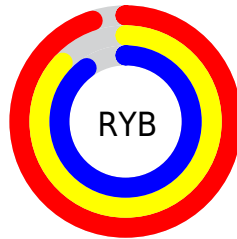
The CIELCh color `90, 8.649, 351.342` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `94, 8.483, 169.883`, and the grayscale version is `91, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `70, 8.779, 350.342` is the 20% darker color. If you saturate the color by 10%, you get `84, 18.908, 352.417`, and if you desaturate by 10%, it is `96, 1.291, 170.897`.

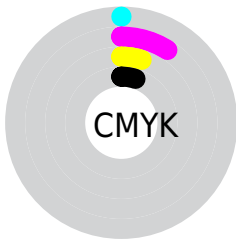
Distribution



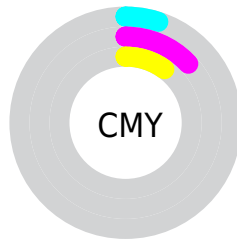
- Red (95%)
- Green (87%)
- Blue (90%)



- Red (95%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.649, 351.342 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 90, 8.649, 351.342 by changing the saturation by 10% instead.

 90, 8.649, 351.342

 90, 8.649, 351.342

 100, 8.649,
351.342

 80, 8.649, 351.342

 70, 8.649, 351.342

 60, 8.649, 351.342

 50, 8.649, 351.342

 40, 8.649, 351.342

 30, 8.649, 351.342

 20, 8.649, 351.342

 10, 8.649, 351.342

 0, 8.649, 351.342

90, 8.649, 351.342

90, 8.649, 351.342

84, 18.908,
352.417

96, 1.291, 170.897

99, 4.457, 199.271

78, 29.382,
353.618

72, 39.870,
355.019

67, 50.061,
356.697

62, 59.524,
358.757

58, 67.743, 1.339

55, 74.239, 4.620

53, 78.781, 8.777

52, 81.702, 13.844

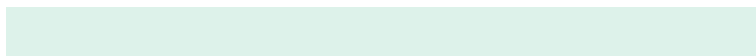
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



90, 8.649, 351.342



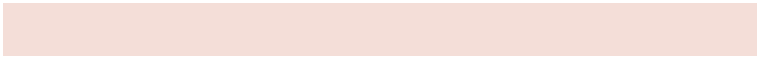
94, 8.483, 169.883

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 8.649, 351.342



90, 8.649, 41.342



90, 8.649, 171.342



90, 8.649, 221.342

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90, 8.647, 351.349



98, 3.092, 350.704



90, 11.889, 313.385



52, 2.346, 350.814



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

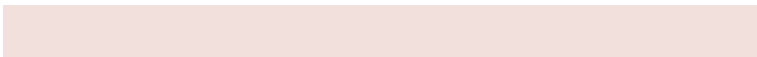
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 8.647, 351.349



93, 10.422, 351.490



90, 6.877, 30.380



47, 5.627, 351.432



39, 66.524, 13.498



8, 28.795, 4.891

Inverse Universe

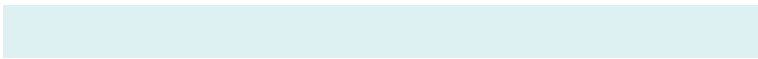
The Inverse Universe completely reimagines the original color for something new.



90, 8.647, 351.349



93, 10.422, 351.490



93, 6.501, 210.314



47, 5.627, 351.432



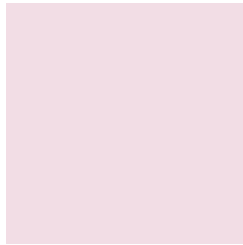
39, 66.524, 13.498



8, 28.795, 4.891

Previews

White Background



This preview shows how the CIELCh color 90, 8.649, 351.342 looks on a white background.

Color Contrast Check

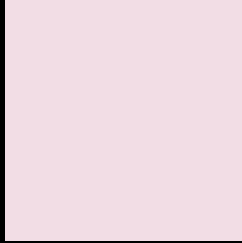
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 90, 8.649, 351.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

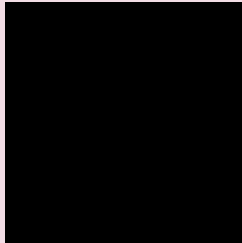
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

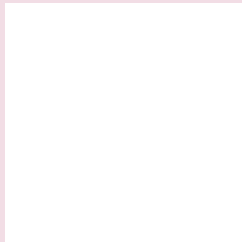
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.649, 351.342

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.649, 351.342.



This preview shows how white text looks on a background with the CIELCh color 90, 8.649, 351.342.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

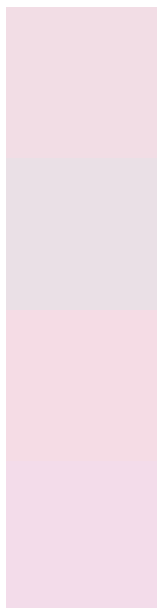
Dichromacy





Tritanopia
90, 12.084, 333.346

Trichromacy



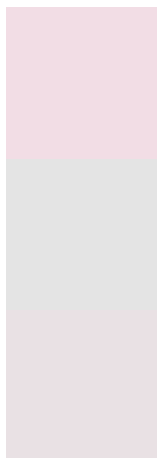
Original Color
90, 8.649, 351.342

Protanomaly
90, 4.770, 338.864

Deuteranomaly
90, 10.176, 352.850

Tritanomaly
90, 11.013, 338.905

Monochromacy



Original Color
90, 8.649, 351.342

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 3.279, 351.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.649, 351.342 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 229)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.649, 351.342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 221, 229) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 221, 229) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.649, 351.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 229) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
221, 229) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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